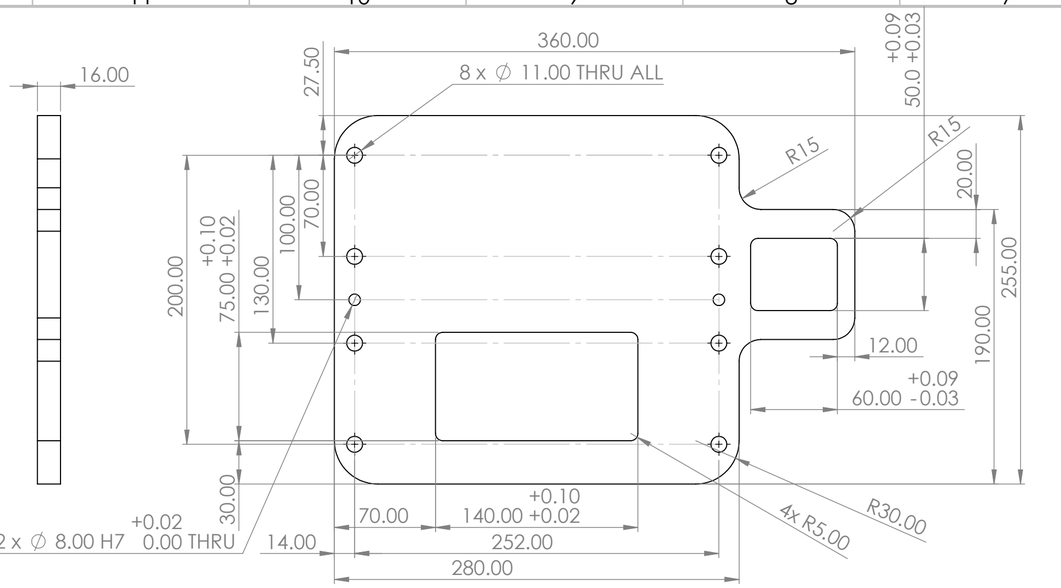
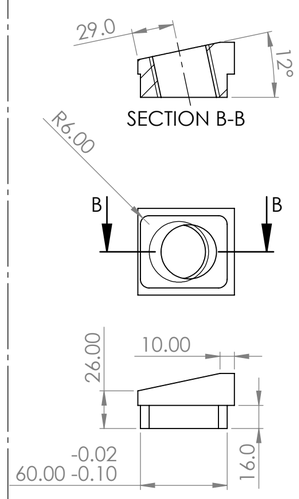
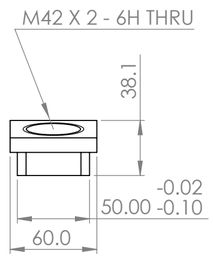
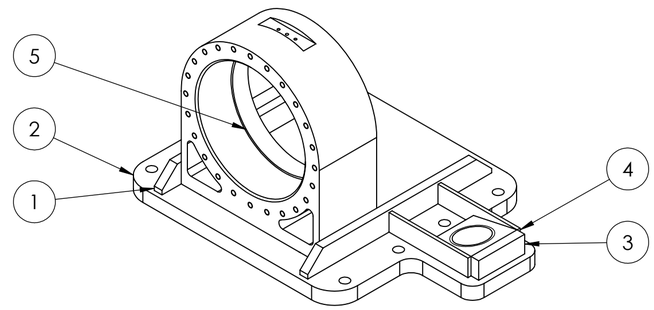
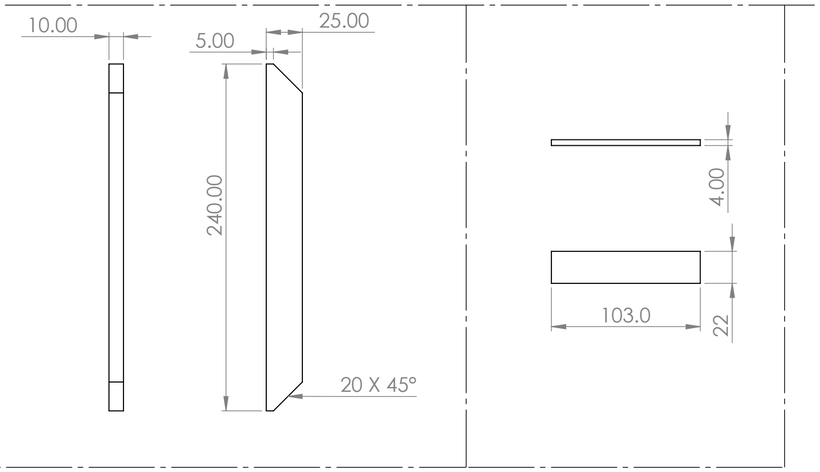
ITEM NO.	QTY.	description	MATERIAL
1	2	Reinforment plates	E335
2	1	Main plate	E335
3	1	Threaded block	E335
4	2	Block plates	E335
5	1	Housing block	C45

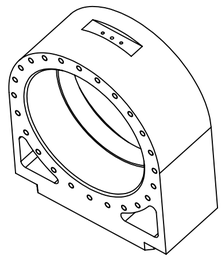


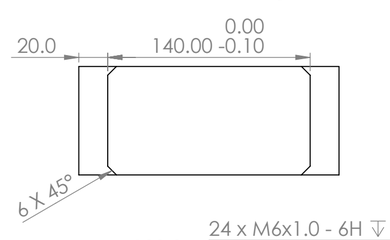


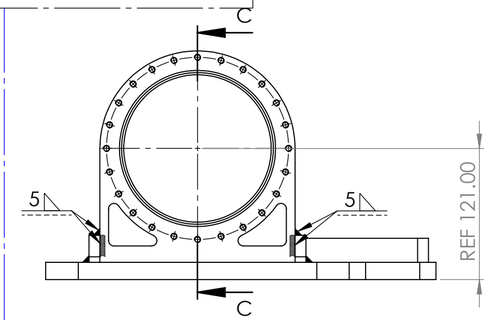


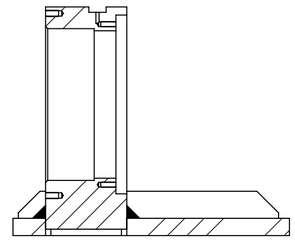




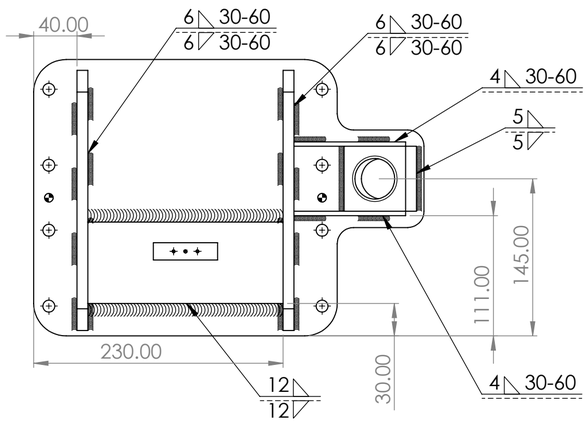


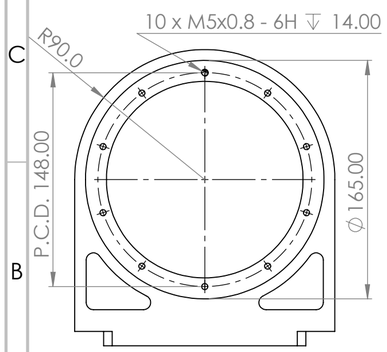


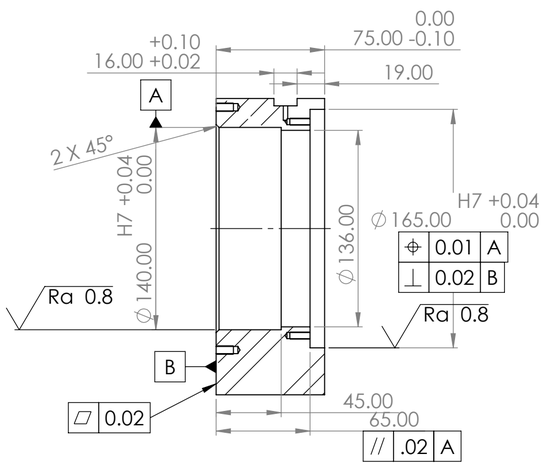




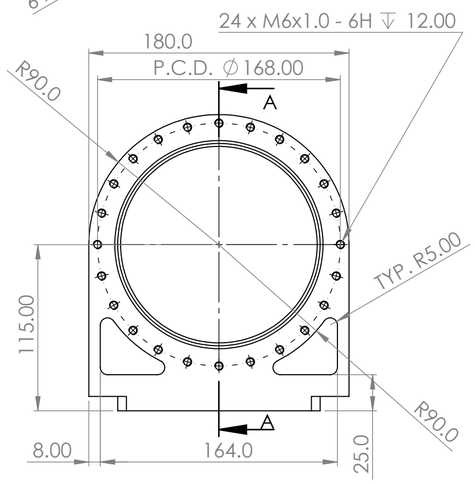
SECTION C-C
SCALE 1 : 4

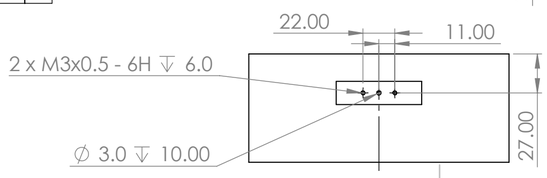






SECTION A-A





NOTES:
1. PREHEAT C45 PARTS TO 150–250°C BEFORE WELDING. USE LOW-HYDROGEN ELECTRODES COMPATIBLE WITH BOTH MATERIALS.
2. ALLOW CONTROLLED COOLING TO AVOID CRACKING OR HARDENING.
3. AFTER WELDING AND FINAL MACHINING, APPLY INDUSTRIAL GRADE BLACK PAINT TO ALL EXTERNAL SURFACES EXCEPT PRECISION MACHINED AREAS.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: Ra 3.2 TOLERANCES: LINEAR: ISO 2768-m ANGULAR: ISO 2768-m	FINISH:	DEBURR AND BREAK SHARP EDGES CHAMFER TAPPED HOLES TO DEPTH OF ONE THREAD	DO NOT SCALE DRAWING / REVISION A
			Cyberisner
	NAME / SIGNATURE / DATE	FIRST ANGLE PROJECTION	TITLE: ARM BASE
DRAWN	R. REYES / 27/06/2025		
CHK'D	R. REYES / 27/06/2025		
APPV'D			
MFG			
Q.A			
Machine Name: Tennis Serve Machine		MATERIAL: Alternative: AISI 1018	DWG NO. TSM_ARM_003 / A2
Assembly Name: Gimbal System.		WEIGHT:	SCALE:1:3 / SHEET 1 OF 1